

Clear Creek MA 21 (Moose Winter Range) Forest Plan Compliance

Clear Creek MA 21 Proposed Harvest Acres by Alternative

| Proposed Treatment | Alternative B | Alternative C | Alternative D |
|---------------------|---------------|---------------|---------------|
| Commercial Thin | 354 | 259 | 19 |
| Pre-Commercial Thin | 235 | 235 | 26 |
| Regeneration | 143 | 238 | 10 |
| Total | 732 | 732 | 55 |

- Lands are classified as both “suitable” and “unsuitable” for timber management. The flat grounds, less than 35 percent slope, are “suitable” for timber management. The steep lands, greater than 35 percent slope, are “unsuitable” for timber management.*
- Schedule timber harvest only on the “suitable” lands, less than 35 percent slope, that do not require broadcast burning.*

Clear Creek MA 21 treatment acres in suitable (<=35% slope) harvest areas and unsuitable (>35% slope) harvest areas.

| Proposed Treatment | Alternative B | | Alternative C | | Alternative D | |
|---------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | Acres <35% Slope | Acres >35% Slope | Acres <35% Slope | Acres >35% Slope | Acres <35% Slope | Acres >35% Slope |
| Commercial Thin | 237 | 118 | 163 | 97 | 211 | 86 |
| Pre-Commercial Thin | 146 | 84 | 146 | 84 | 146 | 84 |
| Regeneration | 102 | 40 | 176 | 61 | 71 | 30 |
| Total | 485 | 242 | 485 | 242 | 428 | 200 |

- For the lands that are scheduled for harvest, harvest a maximum of 5 percent of Pacific yew stands per decade on a 210-year rotation.*

There are 45,140 acres of MA21 on Nez Perce Forest. Five percent of the allowable harvest would be 2257 acres. All alternatives proposed far less than the allowable harvestable acres.

Percent of NPNF MA 21 (45,140 acre) Proposed for Harvest by Alternative

| Proposed Treatment | Alternative B | | Alternative C | | Alternative D | |
|---------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|
| | Acres | % of NPNF MA 21 | Acres | % of NPNF MA 21 | Acres | % of NPNF MA 21 |
| Commercial Thin | 354 | 0.8 | 259 | 0.6 | 19 | <0.1 |
| Pre-Commercial Thin | 235 | 0.5 | 235 | 0.5 | 26 | <0.1 |
| Regeneration | 143 | 0.3 | 238 | 0.5 | 10 | <0.1 |
| Total | 732 | 1.6 | 732 | 1.6 | 55 | 0.1 |

4. *Maintain at least 50 percent of the live Pacific yew components scattered throughout the unit in patches of ¼ to ½ acre in size.*
5. *The preferred harvest type includes patch clearcuts, individual tree selection, group selection, or shelterwood. Patch clearcuts should be no larger than 20 acres in size (5-10 acres preferred).*
6. *Determine the silvicultural system to be used based on an on-the-ground, site-specific analysis.*

These standards will be addressed in unit layout and in silvicultural prescriptions.

7. *Maintain leave-strips between yew stands sufficient to provide travel corridors for moose. Units exceeding 20 acres.*

Clear Creek MA 21 Units exceeding 20 acres.

| Focus Area | Unit Number | Acres | Alt B Rx | Alt C Rx |
|------------|-------------|-------|----------|----------|
| SFJ | 230 | 70 | CT | Regen |
| Outside | 466 | 21 | PCT | PCT |
| Outside | 356 | 96 | CT | CT |
| Outside | 357 | 44 | CT | CT |
| SFA | 145 | 116 | Regen | Regen |
| SFC | 228 | ~72 | CT | CT |
| Outside | 349 | ~30 | CT | CT |
| Outside | 336 | 28 | CT | CT |
| Outside | 481 | 21 | PCT | PCT |
| Outside | 480 | 26 | PCT | PCT |
| Outside | 476 | 28 | PCT | PCT |

Riparian areas and retention in “unsuitable” areas will help comply with the 20-acre standard. Unit layout will ensure compliance with this standard.

8. *Reforest to desired stocking levels either through planting or through natural regeneration to achieve 30 percent crown closure over 20 years for conifers, and 30 percent crown closure over 20-30 years for Pacific yew.*
9. *Achieve the appropriate canopy cover objective through stocking control. Canopy cover objectives, 90 years after treatment, are:*

| Habitat Type | Overstory Canopy Cover | Pacific yew Canopy Cover |
|-------------------------------------|------------------------|--------------------------|
| Taxus brevifolia/Asarum caudatum | 42% | 60% |
| Taxus brevifolia/Clintonia uniflora | 34% | 53% |

Approximately 40-70 overstory trees per acre are required to achieve the desired canopy cover.

These standards will be addressed in the silvicultural prescription.